

## DOCKETED

<b>Docket Number:</b>	15-RETI-02
<b>Project Title:</b>	Renewable Energy Transmission Initiative 2.0
<b>TN #:</b>	211976
<b>Document Title:</b>	CTC Global Corporation Comments: on June 9th TTIG Workshop
<b>Description:</b>	N/A
<b>Filer:</b>	System
<b>Organization:</b>	CTC Global Corporation
<b>Submitter Role:</b>	Public
<b>Submission Date:</b>	6/24/2016 4:55:05 PM
<b>Docketed Date:</b>	6/24/2016

*Comment Received From: CTC Global Corporation*

*Submitted On: 6/24/2016*

*Docket Number: 15-RETI-02*

**CTC Global COmments on June 9th TTIG Workshop**

*Additional submitted attachment is included below.*



June 24, 2016

California Energy Commission  
Docket Unit, MS-4  
1516 Ninth Street  
Sacramento, CA 95814-5512

RE: Docket No. 15-RETI-02: Comments of CTC Global Corporation following the June 9, 2016  
RETI 2.0 TTIG Workshop

CTC Global Corporation, headquartered in Irvine, CA, offers the following comments regarding the information presented at the June 9, 2016, Renewable Energy Transmission Initiative 2.0 (RETI 2.0) Transmission Technical Input Group (TTIG) Workshop. The workshop presented the condition that “What if” certain levels of Renewable Energy (RE) were installed in the selected service areas, what would be the effect on transmission in those areas. Toward the end of the workshop, the Methodology was reviewed that the transmission entities, CAISO, IID, LADWP, TANC, and WAPA, would follow when providing their response to the “What if” question. CTC Global would like to highlight one of the Methodology instructions and comment briefly on Discussion Question 3: “What kind of TTIG output is feasible and appropriate to address?”

The specific Methodology instruction of interest to CTC Global is: “Potential transmission upgrades limited to achievable transmission development (those that can be accommodated without significant modifications to the current grid)”. Referring to CTC Global’s earlier comments in this proceeding, by re-conductoring on existing towers in existing right-of-way (ROW) the High Performance Transmission Conductor (HPTC) technology can provide a means to deliver substantial capacity increase, lower transmission losses, and enable a lower cost solution to upgrading the transmission paths in these study areas. While much was said in the workshop about using “existing studies” to guide the transmission entities response, CTC Global suggests that reconductoring with HPTC should be one of the options considered. This reconductoring option with HPTC will meet the Methodology instruction to consider only “achievable transmission development” and will most likely provide the best solution for a more efficient, cost-effective increase in capacity for the transmission pathways of interest in this study while making the most of existing ROW with the least environmental impact.

CTC Global respectfully requests that HPTC, a class of modern, high efficiency, high capacity transmission conductors, be considered as alternatives to the lower capacity and efficiency transmission conductor currently in service in California.



Thank-you for the opportunity to comment on what CTC Global believes is one way to successfully contribute to this challenging opportunity to which the state of California is committed: 33% renewable energy by 2030 and 50% by 2050.

Respectfully submitted,

David Townley  
Director of Public Policy  
CTC Global Corporation  
[dtownley@ctcglobal.com](mailto:dtownley@ctcglobal.com)  
818-416-4845 (cell)